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Datasheet for ABIN6261571 anti-EPH Receptor B6 antibody (Internal Region)

3 Images



Overview

Quantity:	100 µL
Target:	EPH Receptor B6 (EPHB6)
Binding Specificity:	Internal Region
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This EPH Receptor B6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF), Immunocytochemistry (ICC)

Product Details

Immunogen:	A synthesized peptide derived from human EPHB6, corresponding to a region within the internal amino acids.
lsotype:	lgG
Specificity:	EPHB6 Antibody detects endogenous levels of total EPHB6.
Predicted Reactivity:	Pig,Zebrafish,Horse,Sheep,Rabbit,Dog,Chicken
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink TM Coupling Resin (Thermo Fisher Scientific).

Target Details

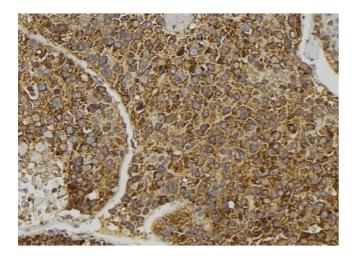
Target:

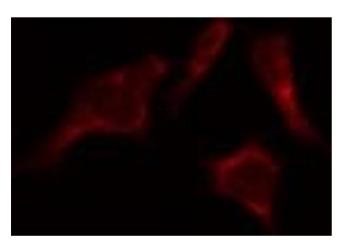
EPH Receptor B6 (EPHB6)

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Target Details	
Alternative Name:	EPHB6 (EPHB6 Products)
Background:	Description: Kinase-defective receptor for members of the ephrin-B family. Binds to ephrin-B1 and ephrin-B2. Modulates cell adhesion and migration by exerting both positive and negative effects upon stimulation with ephrin-B2. Inhibits JNK activation, T-cell receptor-induced IL-2 secretion and CD25 expression upon stimulation with ephrin-B2. Gene: EPHB6
Molecular Weight:	119 kDa
Gene ID:	2051
UniProt:	015197
Pathways:	RTK Signaling, Hormone Transport
Application Details	
Application Notes:	WB 1:1000-3000, IHC 1:200, IF/ICC 1:200-1:500, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only
Handling	
Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months

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kDa 250-150-100-75-50-37-25-20-15-

Immunohistochemistry

Image 1. ABIN6274096 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22_jãC. An HRP conjugated goat anti-rabbit antibody was used as the secondary

Immunofluorescence (fixed cells)

Image 2. ABIN6274096 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100,then blocked in 10% serum for 45 minutes at 25°C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37°C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

Western Blotting

Image 3. Western blot analysis of EPHB6 using COLO205 whole cell lysates

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